



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090296

Mode: Highway

Status: Submitted

NC-5

From/Cross Street: US 1 in Aberdeen

To: South City Limits of Pinehurst

Length: 3.94

Specific Improvement Type: 1 - Widen Existing Roadway

Project Category: Regional Impact

TIP#: R-4743

Fully Funded in Draft STIP? No

Cost to NCDOT: \$27,948,000

Description:

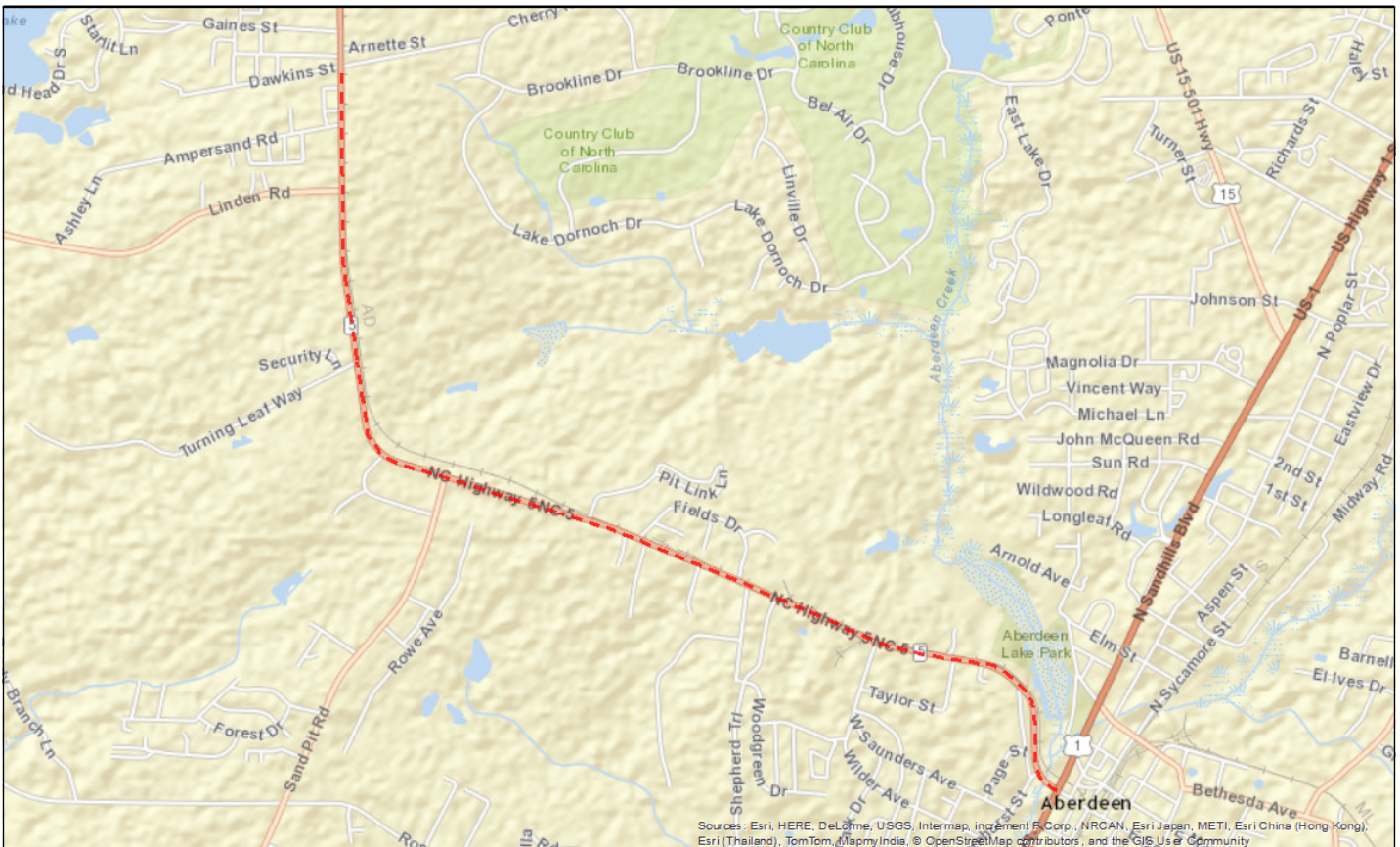
Widen to Multi-Lanes.

Division(s): Division 8

County(s): MOORE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 51.83

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 48.97 Safety (10%) 39.99 [Travel Time] Benefit/Cost (25%) 0.00 Accessibility / Connectivity (10%) 55.89	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 21.83		

Division Needs Total Score: 13.79

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 48.97 Safety (10%) 39.99 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 13.79		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	3.94
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	11665.9
Capacity:	15800
Volume/Capacity Ratio:	0.74
% Autos:	95%
% Trucks:	5%
Truck Volume:	566.22
Crash Density:	41.46
Crash Severity:	45.72
Critical Crash Rate:	32.8
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	46
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	79
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders
Speed Limit:	45
Length (miles):	3.94
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$26,676,000	TIP Unit
Right-of-Way Cost:	\$1,136,000	Cost Estimation Tool
Utilities Cost:	\$136,000	Cost Estimation Tool
Total Project Cost:	\$27,948,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$27,948,000	